

Revealing the Past: Analytical Methods in Heritage Science

23 April 2026 Lydia and Manfred Gorvy Theatre, Victoria and Albert Museum

10:15	Lucia Burgio	Opening remarks
	Carla Burrell	Empowering heritage science through the RICHeS distributed infrastructure
	Dave Thickett	Acoustic emission to understand the impact of widening RH control for sustainability
	Diego Tamburini	Scientific investigation of Asian lacquerware
	Lucy Cramp	The organic residue analysis workflow: biomarkers, compound-specific stable isotopes and radiocarbon dating
	Bob Gooday	Digital microscopy and heritage science
	Q&A	

11:35 Break

11:55	Lore Troalen & Alison Hulme	Analysis of historical dyes in heritage objects
	Patrick Gleeson	Conservation orientated characterisation and dating of heritage collections
	Oliver Craig	Harnessing the revolution in biomolecular science for museums & collections
	Callum Graham	Analytical techniques in understanding historical mortar—what are they and why bother?
	Q&A	

12:50 Lunch

14:10	Margaret Veall	Impervious to the ravages of insects: identification and analysis of pesticides in collections
	Antonella Scherillo	Neutrons and heritage science: a successful partnership
	Francesca Gherardi	Handheld XRF analysis of archaeological artefacts: challenges, advantages and limitations
	Kieron Webb	Close encounters of the fourth kind—heritage science comes to the moving image
	Q&A	

15:05 Coffee

15:25	Irene Bargagli	Heritage under the microscope: SEM-EDS analysis in conservation and archaeological science
	Marc Vermeulen	Hazardous pigments in collections: navigating scientific risk & inclusive access
	Bronwyn Ormsby	What can FTIR spectroscopy tell us about the vulnerabilities of modern art?
	Daniel O'Flynn	X-radiography and computed tomography for collections
	Q&A	

16:20 Networking

16:50 Lucia Burgio

Closing remarks

